IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In Re: Patent

Patent No.:	6,944,338 B2	Issue Date:	September 13, 2005
Applicant(s):	Michael D. Lock et al.	Docket No.:	P-5100
Serial No.:	09/853,037	Filing Date:	May 11, 2001

For: **System for Identifying Clusters in Scatter Plots Using Smoothed Polygons with Optimal Boundaries**

REQUEST FOR EXPEDITED ISSUANCE of a CERTIFICATE OF CORRECTION of OFFICE MISTAKE UNDER 35 U.S.C. 254 and 37 C.F.R. 1.322

ATTN: Certificate of Corrections Branch
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

The above-referenced patent contains an error that was incurred solely through the fault of the U.S. Patent and Trademark Office. Patentee requests an expedited issuance of a certificate of correction in order to correct the error attributable solely to the Office.

Patentee states for the record that the correction requested is for an error in the claims and, thus, is deemed to be of consequence.

Attached herewith is one page of Certificate of Correction form PTO/SB/44 that set forth the corrections requested.

Also attached herewith is a copy of Page 7 of the Amendment dated March 17, 2005, submitted as evidence that the error for which correction is requested is attributable solely to the Office and, further, that supports the correction requested.

The error for which correction is requested is a typographical error in claim 25 in which the word "plot" in the phrase "three-dimensional plot depicting peaks and valleys" was incorrectly printed as "clot". Issued claim 25 corresponds to pending claim 25, which was amended for the last time in the Amendment dated March 17, 2005. Page 7 of

this Amendment shows the correct claim language for claim 25.

Respectfully submitted,

3/15/06
Date

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CERTIFICATION OF MAILING

I hereby certify that this correspondence is being deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on this date: March 15, 2006

Jolanta Pence (Print Name) — Jolanta Pence (Signature)

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For: **System for Identifying Cluster in Scatter Plots Using Smoothed Polygons with Optimal Boundaries**

TRANSMITTAL

Certificate of Correction Branch
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

Submitted herewith are the following enclosure(s):

1. Request for Expedited Issuance of Certificate of Correction of Patent (2 pages.);
2. Form PTO/SB/44 (1 pg);
3. Copy of page 7 of Amendment filed on March 17, 2005 (1pg);
4. Return Receipt Postcard.

Respectfully submitted,

3/15/06
Date

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PTO/SB/44 (04-05)
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U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

(Also Form PTO-1050)

UNITED STATES PATENT AND TRADEMARK OFFICE
CERTIFICATE OF CORRECTION

PATENT NO. : 6,944,338 B2

APPLICATION NO.: 09/853,037

ISSUE DATE : September 13, 2005

INVENTOR(S) : Michael D. Lock, Sunil S. Dalal, Ilya Gluhovsky.

It is certified that an error appears or errors appear in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

In Claim 25, at Column 15, Line 17, delete "clot" and insert therefor ---plot---.

MAILING ADDRESS OF SENDER (Please do not use customer number below):

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25. (Currently Amended) An apparatus for identifying clusters in two-dimensional data, wherein said data comprises a plurality of clusters, comprising:

a processing device; and

a memory device coupled to said processing device for storing a cluster finder algorithm, said processing device being programmable in accordance with said cluster finder algorithm to generate a density estimate based on said data, wherein said density estimate is characterized by a three-dimensional plot depicting peaks and valleys, identify at least one cluster in said data, said at least one cluster comprising a plurality of points which satisfy a selected density criteria, and determine a boundary around said at least one cluster.

26. (Original) An apparatus as claimed in claim 25, wherein said processing device is programmable to generate a smoothed density estimate.

27. (Original) An apparatus as claimed in claim 26, wherein said processing device is programmable to implement a Gaussian kernel estimator algorithm to generate said smoothed density estimate.

28. (Original) A method as claimed in claim 25, wherein said data comprises n pairs of points (x_i, y_i), $i = 1,\ldots,n$, and processing device is programmable to generate a two-dimensional histogram, said histogram comprising fewer bins than said points, and determine said density estimate based on said bins.

29. (Currently Amended) A computer program product for identifying clusters in two-dimensional data comprising a plurality of points, wherein said data comprises a plurality of clusters, the computer program product comprising:

a computer-readable medium; and

a cluster finder module stored on said computer-readable medium that generates a density estimate based on said data, wherein said density estimate is characterized by a three-dimensional plot depicting peaks and valleys, identifies at